



Wheelabrator Saugus Inc.

A Waste Management Company

100 Salem Turnpike
Saugus, MA 01906
(781) 233-7600 Tel
(781) 231-2793 Fax

Submitted electronically via netDMR

March 8, 2013

U.S. Environmental Protection Agency
Water Technical Unit (SMR-04)
5 Post Office Square – Suite 100
Boston, MA 02109-3912

RE: Wheelabrator Saugus Inc.
February 2013 DMR
NPDES Permit No. MA0028193

Dear Sir/Madam:

Wheelabrator Saugus Inc. (WSI) respectfully submits the February 2013 Discharge Monitoring Report(s) (DMR) for the facility located at 100 Salem Turnpike, Saugus, MA 01906.

On February 2, 2013, WSI provided a courtesy notification (see attached) to the Agency, Massachusetts Department of Environmental Protection (MADEP) and Saugus Board of Health of downtime associated with the facilities #2 Traveling Screen. At 8:00 AM on February 2, 2013 the #2 Traveling Screen was observed to be off its' track, and thus unable to operate. During the repair process it was determined the motor that operates the #2 traveling screen was also discovered to be faulty. The #2 Traveling Screen was placed back in service on February 20, 2013 at approximately 6:30 PM. During this time the screen wash operation continued, and regular inspections were performed. The operation of the #1 Traveling Screen was not affected due to this malfunction. Since being placed back into service the #2 Traveling Screen has continued to operate automatically for at least 15 minutes for every 30 minutes of time as required.

On February 10, 2013 an exceedance of the effluent temperature rise (delta T) measured as an hourly average at WSI between 04:00 AM and 05:00 AM occurred. The Agency, MADEP and Saugus Board of Health were all notified of the exceedance on February 10, 2013. The facilities hourly average delta was 22.93 degrees, exceeding the permit limit of 22 degrees. The exceedance was caused by freezing water build up and sea debris turned up by the February 9-10, 2013 blizzard clogging the screen. The drop in flow caused water to more rapidly heat up in the main condenser, thus causing a spike in non-contact cooling water temperature. Load was immediately dropped, backwashing of the condensor was performed, and River Water pumps were swapped when the rise in temperature was detected. The facilities service contractor, Substructure, was onsite working on an unrelated river project at the time. Substructure dove down to clear the screen of ice and debris. Since this incident the pump house is now operating under normal conditions and all hourly average delta's have been within facility permit limits. A formal notification (see attached) was sent in the next day on February 11, 2013, within the required five (5) days of an exceedance. This was the only hourly average this monitoring period which exceeded the delta T limit.

On February 20, 2013, WSI provided a courtesy notification (see attached) to the Agency, MADEP and Saugus Board of Health of downtime associated the #1 Traveling Screen on February 18, 2013 between 3:30 PM and 5:30 PM. The

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#1 Traveling Screen was taken out of service to perform maintenance to the River Water Pump System, which needed to be performed under a full lock out/tag out (LOTO). The LOTO was done to safely perform maintenance on the River Water Pump System. During this time the screen wash operation on the traveling screen continued to operate. Since being placed back into service the #1 Traveling Screen has continued to operate automatically for at least 15 minutes for every 30 minutes of time as required.

Via netDMR, WSI has electronically provided the DMR to the Agency and MA Department of Environmental Protection, Bureau of Waste Prevention (NERO). If you have any questions, or would prefer a hardcopy of this submittal, please do not hesitate to contact me or the facility's Environmental Manager (Mark Grady), at 781.233.7600.



"I certify under penalty of law that this document and all attachments were prepared under my direction or supervision in accordance with a system designed to assure that qualified Personnel properly gather and evaluate the information submitted. Based on my inquiry of the person or persons who manage the system, or those persons directly responsible for gathering the information, the information is submitted is, to the best of my knowledge and belief, true, accurate, and complete. I am aware that there are significant penalties for submitting false information, including the possibility of fine and imprisonment for knowing violations."

Sincerely,



Eric Lucier
Plant Manger

Attachments: February Daily Flow Data
February 2, 2013 Courtesy Notification Email
February 11, 2013 Formal Notification Letter
February 20, 2013 Courtesy Notification Email

cc: MA DEP Bureau of Waste Prevention (NERO) (via netDMR)
MA DEP Division of Watershed Management Surface Water Discharge Permit Program (Hardcopy)
Jim Connolly (WTI), Matt Hughes (WSI), Mark Grady (WSI) (via email)
Dana Buske, Tech Environmental (via email)
Frank Giacalone, Saugus B.O.H. (via email)